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**United States Patent** [19]**Haneda**[11] **Patent Number:** **5,585,789**[45] **Date of Patent:** **Dec. 17, 1996**[54] **DATA COMMUNICATION APPARATUS**[75] Inventor: **Isamu Haneda**, Soraku-gun, Japan[73] Assignee: **Sharp Kabushiki Kaisha**, Japan[21] Appl. No.: **54,069**[22] Filed: **Apr. 29, 1993**[30] **Foreign Application Priority Data**

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340/825.47; 340/825.54; 364/189; 345/169[58] **Field of Search** ..... 340/825.52, 825.55,  
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310.02, 310.08; 364/188, 189; 345/168,  
169; 235/375, 376, 385, 379; 379/91, 144,  
216, 357, 456[56] **References Cited****U.S. PATENT DOCUMENTS**

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A data communication apparatus has a RAM for storing address information concerning a plurality of destinations (e.g., data for telephone directory, name card management, or the like), and the owner data characterizing the apparatus. When optical communication is selected from a keyboard, an LCD display is provided to select either transmission or reception. When the transmission is selected, several modes are selectable including unconditional communication, wild communication, and destination designated communication. When the destination designated communication is selected, the destination list is displayed by the LCD. When the destination is designated by the "name," the completion of reception is confirmed. Plural destinations can also be designated. When the wild communication is selected, the data is transmitted to unspecified destinations and is confirmed. Thus, destinations of data communication can be easily and flexibly designated.

**49 Claims, 6 Drawing Sheets**